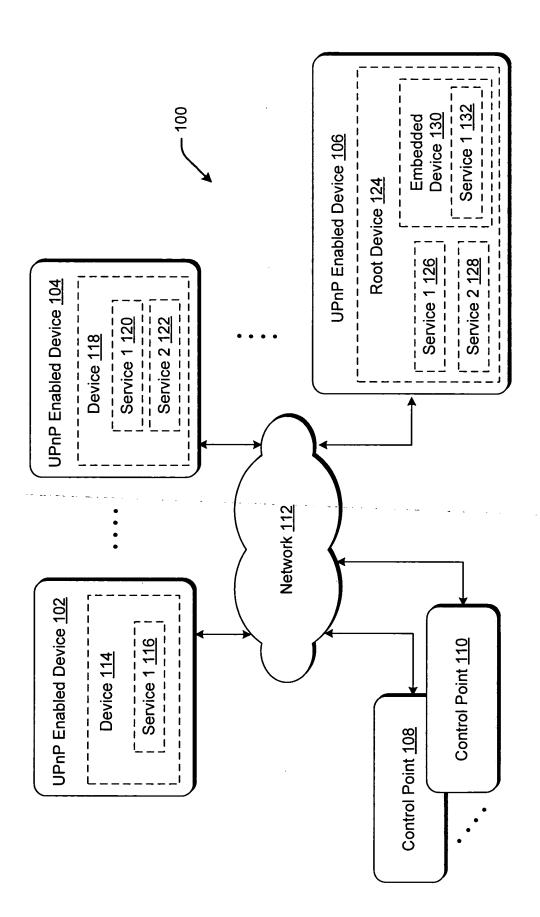
1 of 13

Docket No: Inventor(s): Title: Kuehnel, et al. SECURE NETWORK CHANNEL



Docket No: Inventor(s):

MS1-1943US

Title:

Kuehnel, et al. SECURE NETWORK CHANNEL

Presentation <u>212</u>			
Eventing 210	Description 206	Discovery 204	Addressing <u>202</u>
Control <u>208</u>			

Title:

}.

MS1-1943US

3 of 13

Kuehnel, et al.

SECURE NETWORK CHANNEL

**Control Point** Establish TCP Connection and Perform TLS Authentication 315a HTTP Authentication (Password Verification) 315b Request Service Description 330 Retrieve Device Description 315 Return Service Description 335 Return Device Description 320 SOAP Control Response 350 SOAP Control Request 340 SSDP Notify Multicast 310 Device

4 of 13

Title:

SECURE NETWORK CHANNEL

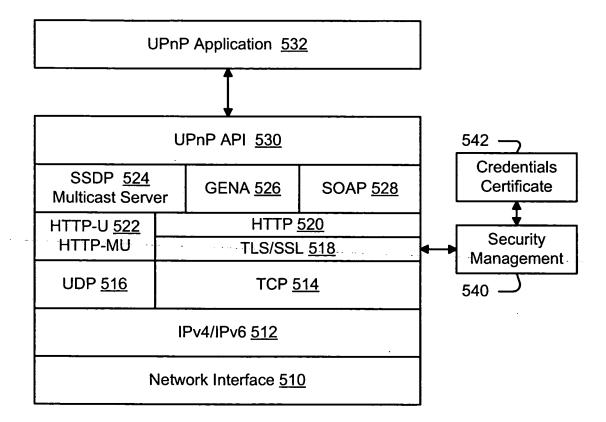
**Control Point** Establish TCP Connection and Perform TLS Authentication 425a HTTP Authentication (Password Verification) 425b SSDP Discovery M-Search Response 415 SSDP Discovery M-Search Request 410 Request Service Description 435 Request Device Description 425 Return Service Description 440 Return Device Descriptor 430 SOAP Control Response 455 SOAP Control Request 445 Device

MS1-1943US

Kuehnel, et al.

Title:

SECURE NETWORK CHANNEL

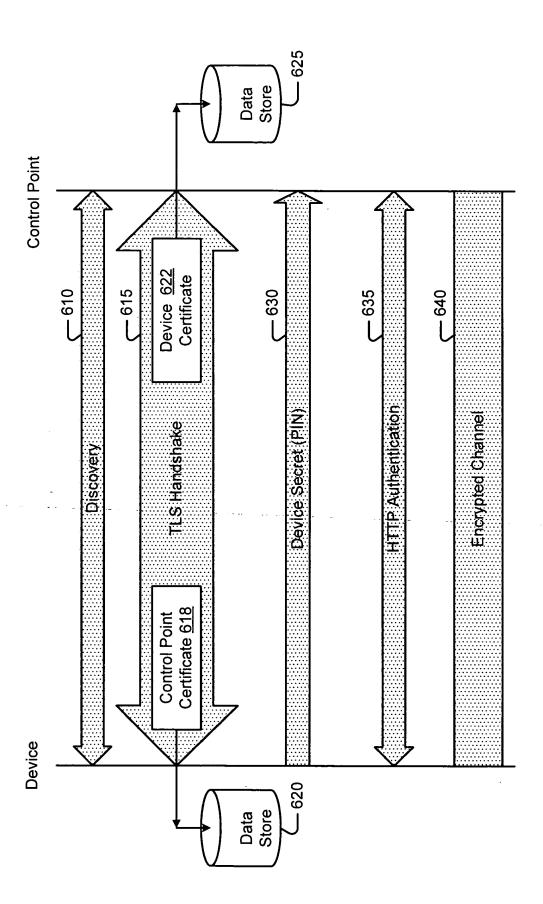


5 of 13

Fig. 5

Kuehnel, et al. SECURE NETWORK CHANNEL

6 of 13



Zig. 6

Docket No: Inventor(s):

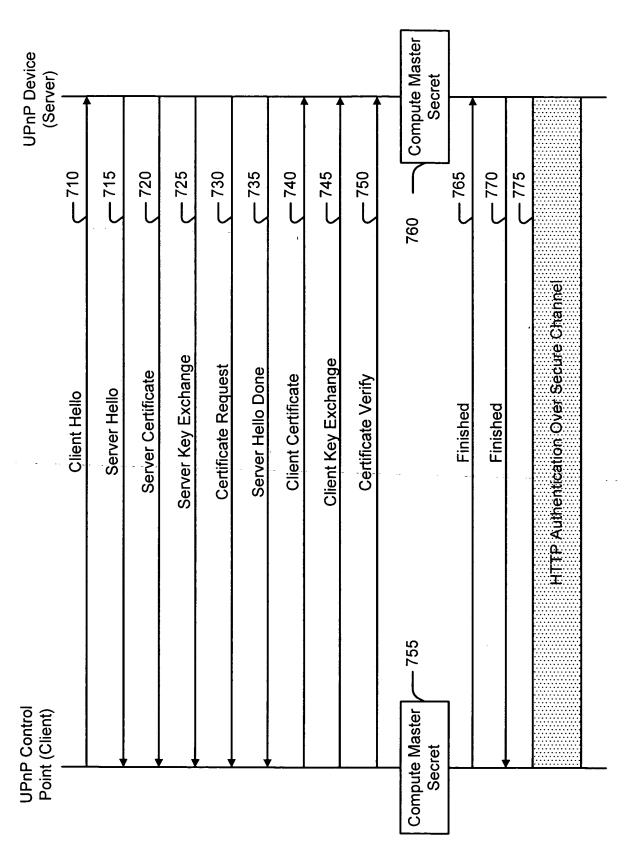
MS1-1943US

Kuehnel, et al.

Title:

SECURE NETWORK CHANNEL

7 of 13



Docket No: Inventor(s):

Title:

MS1-1943US Kuehnel, et al.

SECURE NETWORK CHANNEL

- 800

Credential <u>810</u>

Hash of Device Certificate <u>815</u>

Hash of PIN <u>820</u>

MS1-1943US Kuehnel, et al.

.

9 of 13

Title:

SECURE NETWORK CHANNEL

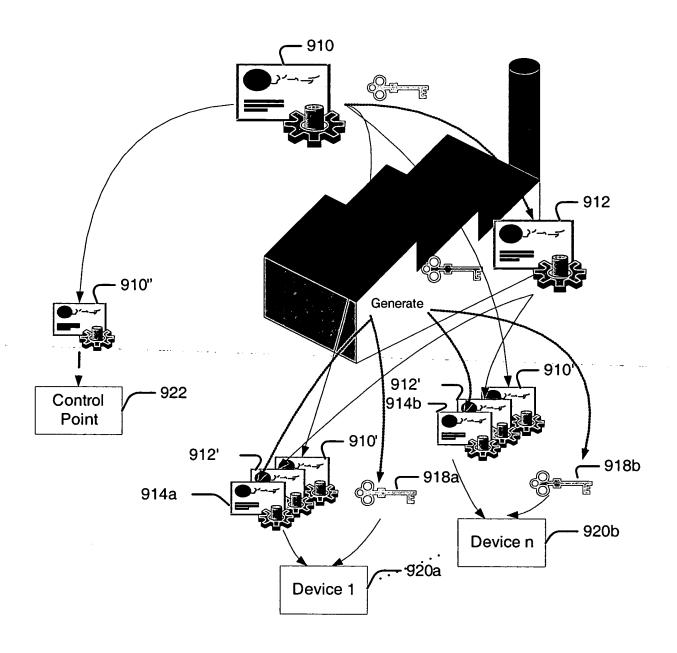
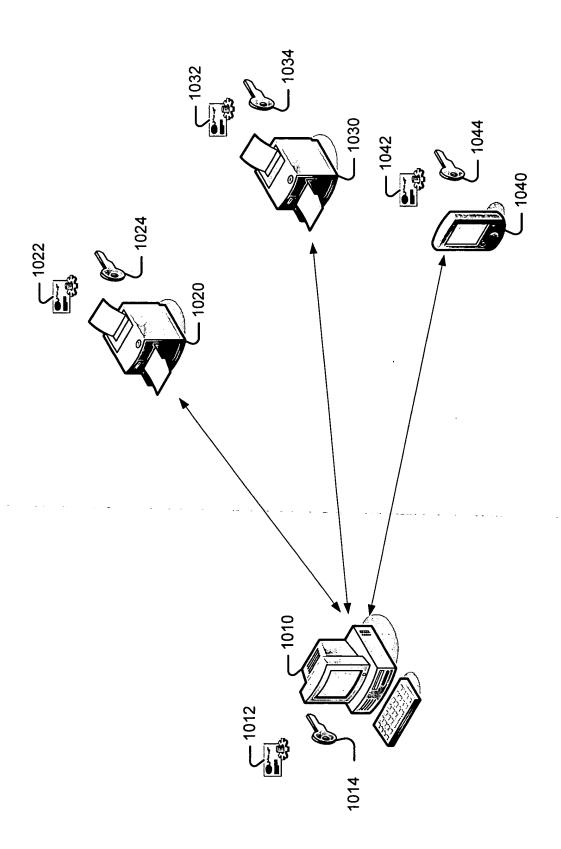


Fig. 9

!

MS1-1943US Kuehnel, et al. SECURE NETWORK CHANNEL

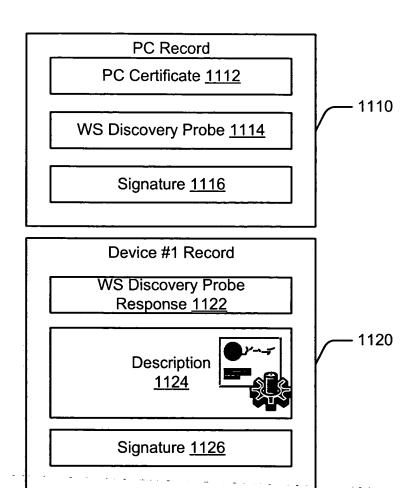


MS1-1943US

Kuehnel, et al.

Inventor Title:

SECURE NETWORK CHANNEL



11 of 13

•

•

lacktriangle

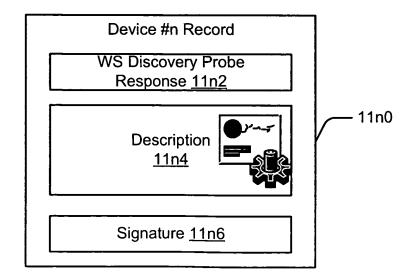


Fig. 11

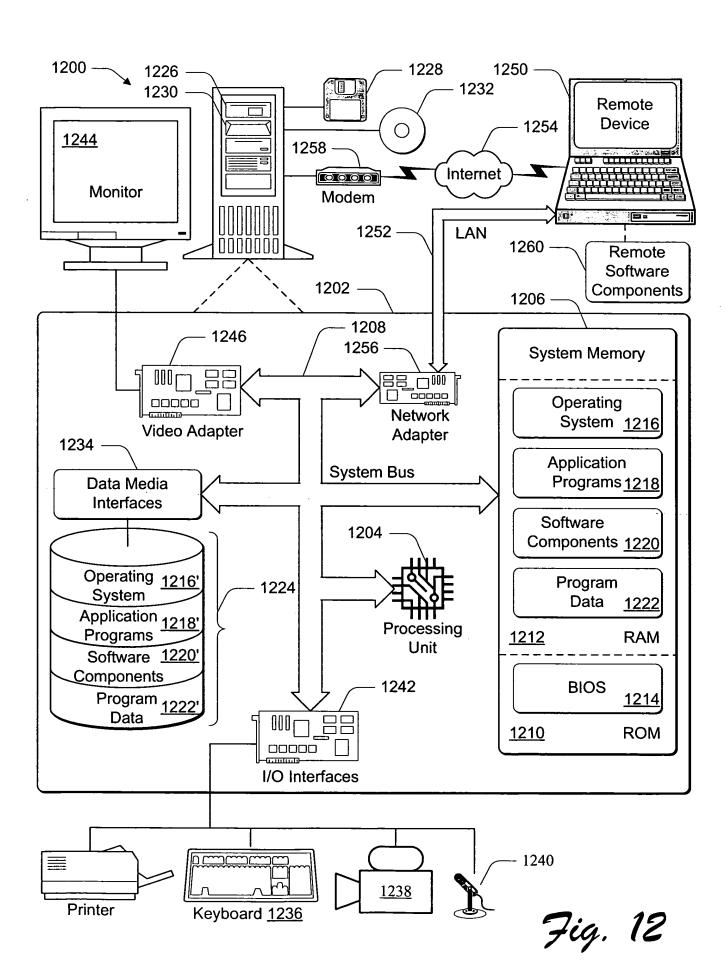
Docket No: Inventor(s):

MS1-1943US

Kuehnel, et al.

Title:

SECURE NETWORK CHANNEL



Docket No: Inventor(s): Title:

MS1-1943US

Kuehnel, et al. SECURE NETWORK CHANNEL

